

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX012919\
 Data File : VX007276.D
 Acq On : 29 Jan 2019 09:36
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 01:08:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	97	0.00
2 M	Dichlorodifluoromethane	1.347	1.240	7.9	99	0.00
3 M	Chloromethane	1.506	1.527	-1.4	104	0.00
4 M	Vinyl Chloride	1.708	1.593	6.7	95	0.00
5 M	Bromomethane	1.781	1.628	8.6	94	0.00
6 M	Chloroethane	1.151	1.053	8.5	97	0.00
7 M	Trichlorofluoromethane	2.884	2.664	7.6	96	0.00
8 T	Diethyl Ether	1.090	1.037	4.9	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.704	1.647	3.3	102	0.00
10 M	1,1-Dichloroethene	1.548	1.473	4.8	98	0.00
11	Methyl Iodide	2.512	2.150	14.4	89	0.00
12	Methyl Acetate	2.637	2.452	7.0	95	0.00
13 M	Acrolein	0.191	0.177	7.3	103	0.00
14 M	Acrylonitrile	0.987	0.921	6.7	93	0.00
15 M	Acetone	0.281	0.278	1.1	97	0.00
16 M	Carbon Disulfide	3.734	3.202	14.2	94	0.00
17	Allyl chloride	2.692	2.524	6.2	96	0.00
18 M	Methylene Chloride	1.785	1.774	0.6	100	0.00
19 M	trans-1,2-Dichloroethene	1.677	1.590	5.2	99	0.00
20 T	Diisopropyl ether	5.012	4.961	1.0	100	0.00
21 M	1,1-Dichloroethane	2.863	2.866	-0.1	100	0.00
22 M	cis-1,2-Dichloroethene	1.844	1.771	4.0	98	0.00
23 M	tert-Butyl Alcohol	0.415	0.386	7.0	92	0.00
24 M	Methyl tert-Butyl Ether	5.423	5.134	5.3	97	0.00
25 M	Chloroform	2.959	2.873	2.9	98	0.00
26	Cyclohexane	2.411	2.316	3.9	99	0.00
27 s	1,2-Dichloroethane-d4	1.969	2.003	-1.7	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.391	0.382	2.3	99	0.00
30 M	2-Butanone	0.234	0.225	3.8	94	0.00
31	2,2-Dichloropropane	0.395	0.376	4.8	100	0.00
32 M	1,1,1-Trichloroethane	0.462	0.434	6.1	97	0.00
33 M	Carbon Tetrachloride	0.406	0.381	6.2	100	0.00
34 M	Benzene	1.206	1.167	3.2	98	0.00
35	Methacrylonitrile	0.239	0.223	6.7	95	0.00
36 M	1,2-Dichloroethane	0.416	0.404	2.9	99	0.00
37 M	Trichloroethene	0.356	0.346	2.8	99	0.00
38	Methylcyclohexane	0.496	0.474	4.4	102	0.00
39 M	1,2-Dichloropropane	0.303	0.289	4.6	98	0.00
40	Dibromomethane	0.218	0.211	3.2	100	0.00
41 M	Bromodichloromethane	0.382	0.355	7.1	99	0.00
42 M	Vinyl Acetate	0.792	0.784	1.0	102	0.00
43	Ethyl Acetate	0.436	0.390	10.6	91	0.00
44	Isopropyl Acetate	0.681	0.631	7.3	97	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.348	0.330	5.2	97	0.00
47	n-amyl Acetate	0.599	0.568	5.2	98	0.00
48 M	t-1,3-Dichloropropene	0.417	0.372	10.8	97	0.00
49 T	cis-1,3-Dichloropropene	0.463	0.425	8.2	97	0.00
50 M	1,1,2-Trichloroethane	0.327	0.324	0.9	101	0.00
51	Ethyl methacrylate	0.467	0.450	3.6	100	0.00
52	1,3-Dichloropropane	0.524	0.505	3.6	99	0.00
53 M	Dibromochloromethane	0.331	0.306	7.6	99	0.00
54 M	1,2-Dibromoethane	0.352	0.343	2.6	98	0.00
55 M	2-Chloroethyl vinyl ether	0.257	0.251	2.3	98	0.00
56 M	Bromoform	0.251	0.224	10.8	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	0.502	0.482	4.0	97	0.00
59 M	2-Hexanone	0.388	0.376	3.1	96	0.00
60 S	4-Bromofluorobenzene	0.463	0.486	-5.0	104	0.00
61 M	Tetrachloroethene	0.418	0.422	-1.0	98	0.00
62 M	Toluene	1.510	1.455	3.6	99	0.00
63 S	Toluene-d8	1.352	1.349	0.2	99	0.00
64 M	Chlorobenzene	0.996	0.988	0.8	103	0.00
65	1,1,1,2-Tetrachloroethane	0.353	0.335	5.1	101	0.00
66 M	Ethyl Benzene	1.636	1.617	1.2	102	0.00
67 M	m/p-Xylenes	0.646	0.638	1.2	102	0.00
68 M	o-Xylene	0.633	0.608	3.9	100	0.00
69 M	Styrene	1.021	1.010	1.1	104	0.00
70	Isopropylbenzene	1.676	1.686	-0.6	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.536	0.508	5.2	97	0.00
72	1,2,3-Trichloropropane	0.504	0.487	3.4	97	0.00
73	Bromobenzene	0.464	0.452	2.6	101	0.00
74	n-propylbenzene	1.886	1.928	-2.2	106	0.00
75	2-Chlorotoluene	1.118	1.131	-1.2	104	0.00
76	1,3,5-Trimethylbenzene	1.399	1.395	0.3	103	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.123	16.3	100	0.00
78	4-Chlorotoluene	1.302	1.295	0.5	103	0.00
79	tert-butylbenzene	1.513	1.535	-1.5	107	0.00
80	1,2,4-Trimethylbenzene	1.416	1.450	-2.4	105	0.00
81	sec-Butylbenzene	1.686	1.721	-2.1	105	0.00
82	p-Isopropyltoluene	1.513	1.535	-1.5	107	0.00
83 M	1,3-Dichlorobenzene	0.824	0.827	-0.4	104	0.00
84 M	1,4-Dichlorobenzene	0.825	0.828	-0.4	103	0.00
85	n-Butylbenzene	1.299	1.285	1.1	108	0.00
86 T	Hexachloroethane	0.234	0.218	6.8	105	0.00
87 M	1,2-Dichlorobenzene	0.821	0.814	0.9	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.109	0.100	8.3	99	0.00
89	1,2,4-Trichlorobenzene	0.564	0.558	1.1	106	0.00
90	Hexachlorobutadiene	0.269	0.278	-3.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.706	1.662	2.6	103	0.00
92	1,2,3-Trichlorobenzene	0.559	0.564	-0.9	106	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0